



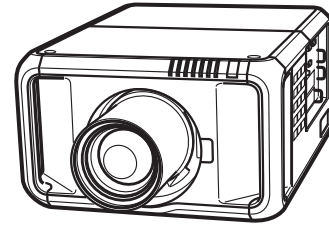
Projectors... and more!

EIP-HDT20

Full HD 1080p DLP® Theater Projector

KEY FEATURES: Model EIP-HDT20

- Full HD 1080p resolution. 6,500 Lumens bright. 7,500:1 contrast ratio.
- Single Chip DLP® imaging technology delivers a "seamless" image.
- Upscales 720p. Supports other widescreen and standard aspect ratios.
- Included 6-segment dual color wheel set can be installed for rich color.
- 2 fixed inputs include a full suite of standard professional connections.
- 2 module bays permit customization. Network control module included.
- Optional modules include Dual (HD/SD) SDI and HD Wireless Receiver.
- Power Zoom and Focus. Optional Wideangle and Telephoto lenses.
- Both horizontal & vertical power lens shift. Built-in Mechanical shutter.
- Centered lens and one-way airflow simplify installation. Quick lens installation.
- Dual Lamp System provides redundancy and permits 4 brightness levels.
- Illuminated control panel & wireless/wired remote. RS-232 & Network control.
- Power Management, Keylock Security, and Custom Warmup Screen options.
- 3 Year* Projector Warranty!



EIP-HDT20 (shown with optional lens)

Included Accessories: Quick Setup Guide, Owner's Manual on CD ROM. 6.0 ft. (1.8 M) AC Power Cord . Lens Cover. VGA-type Computer Input Cable (Dsub 15). Wireless/wired Remote with Mouse Control & 2 x AA batteries. Wired Remote Cable. Real Color Manager Pro on CD-ROM x 1. Cable Cover x 1. Cable Cover Support x 1. Cable Cover Ties x 3. Rich Color 6-Segment Color Wheels x 2. Lens Aperture Cover.

Optional Accessories: Wideangle, Standard and Telephoto Lenses. Replacement Lamps. Replacement Filter Cartridge. ATA-Style Shipping Case with Wheels and Telescoping Handle. HD&SD-SDI Module (SD-SDI not compatible). HD Data Wireless receiver Module. HD Wireless Transmitter. DVI (only) Module. DVI-D & Dsub15 Module (new). 5BNC Module. 5BNC & S-Video Module (new). Dsub15 Module. Network Module. Ceiling Mount. Ceiling Post and Plate.

Outstanding Features:

1. 1080p at 6500 Lumens, 7500:1 Contrast, with DLP® imaging.
2. User-changeable color wheels to optimize brightness or color.
3. Lamp Interval Timer permits alternate 1-lamp-ON in 24/7 use.
4. Low Maintenance: up-to 35,000 hour cartridge air filter.
5. Extended Use: liquid-cooled DMD®, sealed optical engine.
6. Picture-in-Picture. Picture-by-Picture. Edge Blending.
7. Power zoom, focus, lens shift. Range of lenses and modules.

SPECIFICATIONS: Model EIP-HDT20

Screen Brightness up to 6,500 ANSI Lumens (**w/lens AH-43005S)
("Dynamic" image mode & DynamicBlack™ Off)

Illumination Uniformity 90%

Size of Color Palette 10 bit / 1.07 Billion Colors

Contrast Ratio over 7,500:1 (w/DynamicBlack™ high)

Horizontal Resolution 550 TV Lines (HDTV)

Projection Lamp 330 Watt VIDITM UHP x 2

Estimated Lamp Life up to 2500 Hours of Use

Imaging System 0.95" DarkChip™ 3 DLP® chip x 1

Native Resolution 1920x1080 (16:9 aspect ratio)

Color System High Brightness 4-segment color wheels x 2 (installed)

Lens Type Not Included (choose from a selection of optional lenses)

Image Diagonal 50~600 in. (127~1524 cm)

Image Width 3.64~43.6 ft. (1.11~13.20 m.)

Throw Distance See specifications of selected lenses

Front Elevation / Maximum Pitch up to 5° up / 360°

Vertical Anti Keystone Power Lens Shift (Top:Bottom) 6.65:-1~-1:6.65

Horizontal Anti Keystone Power Lens Shift (L:R~R:L) 10.7:-1~-1:10.7

Vertical Keystone Correction Digital: up to 30° up or down

Horizontal Keystone Correction Digital: up to 30° left or right

Scanning Frequency Auto: H Sync. 15-120 kHz; V Sync. 48-120 Hz

Dot Clock up to 230 MHz

Image Orientation Normal, Reversed, Inverted

Local Control / Power Management Full Function / Auto Shut-Off

Remote Projector Control Wireless/wired x 1

Projector Service Port..... USB-B x 1

Wired Remote Port MiniStereo x 1

RS-232 (Serial) Port / In & Out Dsub 9-pin x 2

Computer: Compatibility UXGA (Analog only)
WUXGA ~ WXGA, SXGA+ ~ VGA & MAC (analog & digital)

Computer: Formats..... 1920 x 1200 through 640 x 480

Computer: Image Sizing Normal, or Smart Compressed or Expanded

Video: Color Systems NTSC/PAL/SECAM/NTSC 4.43 / PAL-M&N

Video: Aspect Ratios Supported 4:3 & 16:9

Video: Image Sizing Video Scaling Technology

Video: Resolutions Supported

SDTV (Composite, S-Video, Component) 480i/p, 575i/p

HDTV 720p, 1080i/p, 1080 p/30/25/24

Signal Inputs: fixed

- 1 a. Computer: Analog RGB Dsub 15 x 1
- b. Computer: Digital RGB DVI-D x 1
or Video: Digital Video w/HDCP
- c. Video: Digital Video w/HDCP HDMI x 1
- 2 a. Computer: Analog RGBHV BNC x 5
or Video: Composite/Component: Video / Y-Pb/Cb-Pr
- b. Video: S-Video: S-Video x 1

Signal Inputs: Modules

3. Empty module bay (unpopulated)
4. Network Module: RJ45x 1
complete with external equipment control port Dsub9 x 1

Signal Outputs:

Data/Video Monitor: Analog RGB / Composite/Component Dsub 15 x 1

Operating Noise..... as low as 36 dBA

Cabinet Size (HxWxD).....9.6 x 15.7 x 20.6 in. (242.5 x 400 x 524.2 mm.)

Weight 44.1 lb. (20 kg)

Packaged Size 17.3 x 20.8 x 25.6 in. (439 x 528 x 651mm.)

Packaged Weight 55.1 lb (25.0 kg)

Power Requirements 100-240V AC, 50/60Hz

Power Consumption up to 846W Standard Mode

Heat up to 2887 BTU/hr. (727Kcal/hr)

Power Cord Type 3, Detachable

Electrical Safety Compliance UL / cUL

Electromagnetic Compatibility FCC Part 15 Class A

Security Kensington® Security Slot, Handles (use a Security Bar)

Operating Temperature..... 41~104°F (5~40°C)

User Maintenance Replace Air Filter, Replace Lamps

Warranty (to original end use customer)

Projector : 3 Yr. / 6000 Hr. *(Parts & Labor to Correct Defects)

Lamp:90 Days (Failed Lamp Replaced Pro-Rata)

* Whichever occurs first

Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.

Specifications subject to change without notice. ©2009 Eiki International, Inc. Issued May 20, 2009.

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